

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24736-2033	SERIAL NO. 09/687,483
	APPLICANT <i>Braun et al.</i>	
	FILING DATE October 13, 2000	GROUP 1645 1631

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
LAC	AA	4	6	8	3	1	9	5	07/28/87	Mullis <i>et al.</i>	435	6	02/07/86
	AB	4	6	8	3	2	0	2	07/28/87	Mullis	435	91	10/25/85
	AC	4	8	2	6	3	6	0	05/02/89	Iwasawa <i>et al.</i>	406	51	02/25/87
	AD	4	8	5	1	0	1	8	07/25/89	Lazzari <i>et al.</i>	55	356	11/20/87
	AE	5	1	1	8	9	3	7	06/02/92	Hillenkamp <i>et al.</i>	250	282	08/21/90
	AF	5	4	3	6	1	5	0	07/25/95	Chandrasegaran	435	199	09/27/93
	AG	5	4	4	0	1	1	9	08/08/95	Labowsky	250	282	03/30/94
	AH	5	4	5	3	6	1	3	09/26/95	Gray <i>et al.</i>	250	281	10/21/94
	AI	5	4	9	8	5	4	5	03/12/96	Vestal	436	47	07/21/94
	AJ	5	5	0	3	9	8	0	04/02/96	Cantor	435	6	10/17/94
	AK	5	5	0	6	1	3	7	04/09/96	Mathur <i>et al.</i>	435	252.3	07/22/93
	AL	5	5	3	6	6	4	9	07/16/96	Fraiser <i>et al.</i>	435	91.2	07/29/94
	AM	5	5	4	7	8	3	5	08/20/96	Koster <i>et al.</i>	435	6	01/06/94
	AN	5	6	0	4	0	9	8	02/18/97	Mead <i>et al.</i>	435	6	12/22/94
	AO	5	6	0	5	7	9	8	02/25/97	Koster <i>et al.</i>	435	6	03/17/95
	AP	5	6	2	2	8	2	4	04/22/97	Koster <i>et al.</i>	435	6	02/10/95
	AQ	5	6	3	1	1	3	4	05/20/97	Cantor <i>et al.</i>	435	6	06/05/95
	AR	5	6	9	1	1	4	1	11/25/97	Köster	435	6	06/06/95
	AS	5	7	0	0	6	7	2	12/23/97	Mathur <i>et al.</i>	435	183	07/23/92
	AT	5	7	1	4	3	3	0	02/03/98	Brenner <i>et al.</i>	435	6	06/21/96
	AU	5	7	7	7	3	2	4	07/07/98	Hillenkamp	250	288	09/19/96
	AV	5	7	9	5	7	1	4	08/18/98	Cantor <i>et al.</i>	435	6	08/23/93
✓	AW	5	8	4	3	6	6	9	12/01/98	Kaiser <i>et al.</i>	435	6	11/29/96
LAC	AX	5	8	5	1	7	6	5	12/22/98	Koster	435	6	05/30/95

EXAMINER *Lac A Clow* | DATE CONSIDERED *1/17/04*

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Lae	AY	5	8	5	8	7	0	5	01/12/99	Wei <i>et al.</i>	435	69.1	06/05/95
	AZ	5	8	7	1	9	1	1	02/16/99	Dahlberg <i>et al.</i>	435	6	02/09/95
	BA	5	8	7	2	0	0	3	02/16/99	Köster	435	283.1	05/30/95
	BB	5	8	7	4	2	8	3	02/23/99	Harrington <i>et al.</i>	435	252.3	05/30/95
	BC	5	8	8	5	8	4	1	03/23/99	Higgs, Jr. <i>et al.</i>	436	89	09/11/96
	BD	5	8	8	8	7	9	5	05/30/99	Hamilton	435	200	09/09/97
	BE	5	9	0	0	4	8	1	05/04/99	Lough <i>et al.</i>	536	55.3	11/06/96
	BF	5	9	2	8	9	0	6	07/27/99	Koster <i>et al.</i>	435	91.2	05/09/96
	BG	5	9	5	2	1	7	6	09/14/99	McCarthy <i>et al.</i>	435	6	12/21/95
	BH	5	9	7	6	8	0	6	11/02/99	Mahajan <i>et al.</i>	435	6	05/27/98
	BI	6	0	2	2	6	8	8	02/08/00	Jurinke <i>et al.</i>	435	6	05/13/96
	BJ	6	0	2	4	9	2	5	02/15/00	Little <i>et al.</i>	422	100	01/23/97
	BK	6	0	4	3	0	3	1	03/28/00	Koster <i>et al.</i>	435	6	03/18/96
	BL	6	0	5	4	2	7	6	04/25/00	Macevicz	435	6	02/23/98
	BM	6	0	7	4	8	2	3	06/13/00	Koster <i>et al.</i>	435	6	11/06/96
	BN	6	0	9	0	6	0	6	07/18/00	Kaiser <i>et al.</i>	435	199	12/02/96
	BO	6	0	9	9	5	5	3	08/08/00	Hart <i>et al.</i>	606	232	05/21/98
	BP	6	1	3	3	4	3	6	10/17/00	Koster <i>et al.</i>	536	24.3	09/19/97
V	BQ	6	1	4	0	0	5	3	10/31/00	Koster <i>et al.</i>	435	6	09/25/98
Lae	BR	6	1	4	6	8	5	4	11/14/00	Koster <i>et al.</i>	435	91.1	08/31/95

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No
Ue	BS	0	0	5	6	4	4	6	09/28/00	PCT			

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													Yes	No
La	BT	0	0	6	0	3	6	1	11/12/00	PCT				
	BU	0	5	9	6	2	0	5	05/11/94	EP				
	BV	2	7	4	9	6	6	2	12/12/97	FR				
	BW	9	3	1	5	4	0	7	08/05/93	PCT				
	BX	9	4	1	6	1	0	1	07/21/94	PCT				
	BY	9	4	2	1	8	2	2	09/29/94	PCT				
	BZ	9	6	2	9	4	3	1	09/26/96	PCT				
	CA	9	7	0	3	2	1	0	01/30/97	PCT				
	CB	9	7	0	8	3	0	6	03/06/97	PCT				
	CC	9	7	3	7	0	4	1	10/09/97	PCT				
	CD	9	7	4	2	3	4	8	11/13/97	PCT				
	CE	9	7	4	3	6	1	7	11/20/97	PCT				
	CF	9	8	2	0	0	1	9	05/14/98	PCT				
	CG	9	8	2	0	0	2	0	05/14/98	PCT				
	CH	9	8	2	0	1	6	6	05/14/98	PCT				
	CI	9	8	3	3	8	0	8	08/06/98	PCT				
	CJ	9	9	1	2	0	4	0	03/11/99	PCT				
	CK	9	9	3	1	2	7	8	06/24/99	PCT				
	CL	9	9	5	0	4	4	7	10/07/99	PCT				
	CM	9	9	5	4	5	0	1	10/28/99	PCT				
La	CN	9	9	5	7	3	1	8	11/11/99	PCT				

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

La	CO	Arrand et al., Different Substrate Specificities of the Two DNA Ligases of Mammalian Cells, <i>J. Biol. Chem.</i> 261(20):9079-82 (1986).
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

LAC	CP	Badger <i>et al.</i> , New features and enhancements in the X-PLOR computer program, <i>Proteins: Structure, Function, and Genetics</i> 35(1):25-33 (1999)
	CQ	Beck <i>et al.</i> , Chemiluminescent detection of DNA: application for DNA sequencing and hybridization, <i>Nucl. Acids Res.</i> 17(13):5115-23 (1989).
	CR	Bertina <i>et al.</i> , Mutation in blood coagulation factor V associated with resistance to activated protein C, <i>Nature</i> 369:647 (1994).
	CS	Bessho <i>et al.</i> , Nucleotide excision repair 3' endonuclease XPG stimulates the activity of base excision repair enzyme thymine glycol DNA glycosylase, <i>Nucl. Acids Res.</i> 27(4):79-83 (1999).
	CT	Bjelland, S. and E. Seeberg, Purification and characterization of 3-methyladenine DNA glycosylase I from <i>Escherichia coli</i> , <i>Nucl. Acids Res.</i> 15(7):2787-2800 (1987).
	CU	Blecinski, C. and C. Richert, Monitoring the Hybridization of the Components of Oligonucleotide Mixtures to Immobilized DNA via Matrix-assisted Laser Desorption/Ionization Time-of-flight Mass Spectrometry, <i>Rapid Communications in Mass Spectrometry</i> 12:1737-43 (1998).
	CV	Braun <i>et al.</i> , Detecting <i>CFTR</i> gene mutations by using primer oligo base extension and mass spectrometry, <i>Clinical Chemistry</i> 43(7):1151-8 (1997).
	CW	Braun <i>et al.</i> , Improved Analysis of Microsatellites Using Mass Spectrometry, <i>Genomics</i> 46:18-23 (1997).
	CX	Bregman <i>et al.</i> , Molecular Characterization of Bovine Brain P75, a High Affinity Binding Protein for the Regulatory Subunit of cAMP-dependent Protein Kinase II β , <i>J. Biol. Chem.</i> 266(11):7207-13 (1991).
	CY	Buetow <i>et al.</i> , High-throughput development and characterization of a genomewide collection of gene-based single nucleotide polymorphism markers by chip-based matrix-assisted laser desorption/ionization time-of-flight mass spectrometry, <i>Proc. Natl. Acad. Sci. USA</i> 98(2):581-4 (2001).
	CZ	Burton <i>et al.</i> , Type II regulatory subunits are not required for the anchoring-dependent modulation of CA ²⁺ channel activity by cAMP-dependent protein kinase, <i>Proc. Natl. Acad. Sci. USA</i> 94:11067-72 (1997).
	DA	Carr <i>et al.</i> , Association of the Type II cAMP-dependent Protein Kinase with a Human Thyroid RII-anchoring Protein, <i>J. Biol. Chem.</i> 267(19):13376-82 (1992).
LAC	DB	Carr <i>et al.</i> , Interaction of the Regulatory Subunit (RII) of cAMP-dependent Protein Kinase with RII-anchoring Protein Occurs through an Amphipathic Helix Binding Motif, <i>J. Biol. Chem.</i> 266(22):14188-92 (1991).

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Uae	DC	Chiu et al., Mass Spectrometry of Nucleic Acids, <u>Clin. Chem.</u> 45:1578 (1999).
	DD	Chiu et al., Mass Spectrometry of single-stranded restriction fragments captured by an undigested complementary sequence, <u>Nucl. Acids. Res.</u> 28(8):e31 (2000).
	DE	Clegg et al., Genetic characterization of a brain-specific form of the type I regulatory subunit of cAMP-dependent protein kinase, <u>Proc. Natl. Acad. Sci. USA</u> 85:3703-7 (1988).
	DF	Coghlan et al., Association of Protein Kinase A and Protein Phosphatase 2B with a Common Anchoring Protein, <u>Science</u> 267:108-111 (1995).
	DG	Colledge, M and J.D. Scott., AKAPs: from structure to function, <u>Trends in Cell Biology</u> 9:216-21 (1999).
	DH	Corder et al., Gene Dose of Apolipoprotein E Type 4 Allele and the Risk of Alzheimer's Disease in Late Onset Families, <u>Science</u> 261:921-3 (1993).
	DI	Database WPI, Derwent publication # 011635345 citing International Patent Application WO 9747974 of the parent French Patent Application FR 2,749,662.
	DJ	Eftedal et al., Consensus sequences for good and poor removal of uracil from double stranded DNA by uracil-DNA glycosylase, <u>Nucl. Acids Res.</u> 21(9):2095-101 (1993).
	DK	Faux, M.C. and J.D. Scott., More on target with protein phosphorylation: conferring specificity by location, <u>Trends Biochem</u> 21:312-5 (1996).
	DL	Fu et al., Efficient preparation of short DNA sequence ladders potentially suitable for MALDI-TOF DNA sequencing, <u>Genetic Analysis: Biomolecular Engineering</u> 12:137-42 (1996).
	DM	Fu et al., Sequencing Exons 5 to 8 of the p53 Gene by MALDI-TOF Mass Spectrometry, <u>Nature Biotechnol.</u> 16:381-4 (1998).
	DN	Fu et al., A DNA sequencing strategy that requires only five bases of known terminal sequence for priming, <u>Proc. Natl. Acad. Sci. USA</u> 92:10162-66 (1995).
	DO	Fu et al., Sequencing double-stranded DNA by strand displacement, <u>Nucl. Acids Res.</u> 25(3):677-9 (1997).
	DP	Gabbita et al., Decrease in Peptide Methionine Sulfoxide Reductase in Alzheimer's Disease Brain, <u>J. Neurochemistry</u> 73(4):1660-6 (1999).
Uae ↓	DQ	Glantz et al., Characterization of Distinct Tethering and Intracellular Targeting Domains in AKAP75, a Protein That Links cAMP-dependent Protein Kinase II β to the Cytoskeleton, <u>J. Biol. Chem.</u> 268(17):12796-804 (1993).

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Ue	DR	Goldmacher <i>et al.</i> , Photoactivation of toxin conjugates, <i>Bioconj. Chem.</i> 3:104-107 (1992)
	DS	Guatelli <i>et al.</i> , Isothermal, <i>in vitro</i> amplification of nucleic acids by a multienzyme reaction modeled after retroviral replication, <i>Proc. Natl. Acad. Sci. USA</i> 87:1874-8 (1990).
	DT	Hausken <i>et al.</i> , Mutational Analysis of the A-Kinase Anchoring Protein (AKAP)-binding Site on RII, <i>J. Biol. Chem.</i> 271(46):29016-22 (1996).
	DU	Hazum <i>et al.</i> , A photocleavable protecting group for the thiol function of cysteine, in <i>Pept., Proc. Eur. Pept. Symp., 16th</i> Brunfeldt, K (ed), pp. 105-110- (1981)
	DV	Higgins <i>et al.</i> , Competitive Oligonucleotide Single-Base Extension Combined with Mass Spectrometric Detection for Mutation Screening, <i>BioTechniques</i> 23(4):710-4 (1997).
	DW	Higgins <i>et al.</i> , DNA-Joining Enzymes: A Review, <i>Methods in Enzymology</i> 68:50-71 (1979).
	DX	Higley <i>et al.</i> , Processivity of uracil DNA glycosylase, <i>Mutation Research, DNA Repair</i> 294:109-116 (1993).
	DY	Hinton <i>et al.</i> , The application of robotics to fluorometric and isotopic analyses of uranium, <i>Laboratory Automation & Information Management</i> , NL, Elsevier Science publishers BV., Amsterdam, Vol. 21 no. 2/03, pp. 223-227, December 1, 1993.
	DZ	Huang <i>et al.</i> , D-AKAP2, anovel protein kinase A anchoring protein with a putative RGS domain, <i>Proc. Natl. Acad. Sci. USA</i> 94:11184-9 (1997).
Ue	EA	Hubbard, M.J. and P. Cohen., On target with a new mechanism for the regulation of protein phosphorylation, <i>Trends Biochem. Sci.</i> 18:172-77 (1993).
	EB	Instrumentation; "Nano-Plotter" from GeSiM, Germany, located at http://www.gesim.de/np-intro.htm
	EC	Instrumentation; "Model CRS-A-255" robot "Digital Servo Gripper" "Plate Cube" system. "id-parking station" "shaker" Robocon Labor-und Industrieroboter Ges.m.b.H of Austria ("Robocon")

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	ED	Instrumentation; "MJ-Microseal" plate sealer, Thermal Cycler Accessories; Sealing Options, Sealing Products, MJ Research, located at http://www.mjresearch.com/html/consumables/sealing/sealing_products.html
	EE	Instrumentation; "Genesis 200/8" (200 cm with including an 8-tip arm) liquid handling systems; Tecan AG of Switzerland ("Tecan"), TECAN Products for Diagnostics and Life Science, located at http://www.tecan.ch/index.htm
	EF	Instrumentation; Bar code systems, including one and two dimensional bar codes, readable and readable/writable codes and systems; Datalogic S.p.A. of Italy ("Datalogic"), located at http://www.datalogic.com
	EG	Instrumentation; DYNABEADS, streptavidin-coated magnetic beads; from Dynal, Inc., Great Neck, NY and Oslo Norway
UAC	EH	Instrumentation; "Multitek 96" automated pipettor; Beckman Coulter, Inc. located at http://www.coulter.com , 09/08/99
	EI	International Search Report for International Application No. PCT/US00/08111, Date of Mailing November 13, 2000.
	EJ	Jahnsen et al., Molecular Cloning, cDNA Structure, and Regulation of the Regulatory Subunit of Type II cAMP-dependent Protein Kinase from Rat Ovarian Granulosa Cells, <u>J. Biol. Chem.</u> 261(26):12352-61 (1986).
	EK	Jurinke et al., Recovery of Nucleic Acids from Immobilized Biotin-Streptavidin Complexes Using Ammonium Hydroxide and Applications in MALDI-TOF Mass Spectrometry, <u>Anal. Chem.</u> 69:904-10 (1997).
	EL	Jurinke et al., Analysis of Ligase Chain Reaction products via Matrix-Assisted Laser Desorption/Ionization Time-of-Flight-Mass Spectrometry, <u>Anal. Biochem.</u> 237:174-81 (1996).
	EM	Jurinke et al., Detection of hepatitis B virus DNA in serum samples via nested PCR and MALDI-TOF mass spectrometry, <u>Genetic Analysis: Biomolecular Engineering</u> 13:67-71 (1996).
	EN	Jurinke et al., Application of nested PCR and mass spectrometry for DNA-based virus detection: HBV-DNA detected in the majority of isolated anti-HBc positive sera, <u>Genetic Analysis: Biomolecular Engineering</u> 14:97-102 (1998).
UAC	EO	Kario et al., Genetic Determinants of Plasma Factor VII Activity in the Japanese, <u>Thromb. Haemost.</u> 73:617-22 (1995).

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Ue	EP	Klauck et al., Coordination of Three Signaling Enzymes by AKAP79, a Mammalian Scaffold Protein, <u>Science</u> 271:1589-92 (1996).
	EQ	Koster et al., Oligonucleotide synthesis and multiples DNA sequencing using chemiluminescent detection, <u>Nucl. Acids Res. Symposium Series No. 24</u> (1991) 318-21.
	ER	Koster et al., A strategy for rapid and efficient DNA sequencing by mass spectrometry, <u>Nature Biotechnology</u> 14:1123-8 (1996).
	ES	Kwoh et al., Transcription-based amplification system and detection of amplified human immunodeficiency virus type 1 with a bead-based sandwich hybridization format, <u>Proc. Natl. Acad. Sci. USA</u> 86:1173-7 (1989).
	ET	Laken et al., Familial colorectal cancer in Ashkenazim due to a hypermutable tract in APC, <u>Nature Genetics</u> 17:79-83 (1995).
	EU	Lam et al., Genetic influence of the R/Q353 genotype on factor VII activity is overwhelmed by environmental factors in Chinese patients with Type II (non-insulin-dependent) diabetes mellitus, <u>Diabetologia</u> 41:760-66 (1998).
	EV	Lasko et al., Eukaryotic DNA Ligases, <u>Mutation Research</u> 236:277-87 (1990).
	EW	Lee et al., Isolation of a cDNA clone for the type I regulatory subunit of bovine cAMP-dependent protein kinase, <u>Proc. Natl. Acad. Sci. USA</u> 80:3608-12 (1983).
	EX	Lehman, I.R., DNA Ligase: Structure, Mechanism, and Function, <u>Science</u> 186:790-7 (1974).
	EY	Li et al., DNA ligase 1 is associated with the 21 S complex of enzymes for DNA synthesis in HeLa cells, <u>Nucl. Acids Res.</u> 22(4):632-8 (1994).
	EZ	Li et al., High-Resolution MALDI Fourier Transform Mass Spectrometry of Oligonucleotides, <u>Anal. Chem.</u> 68(13):2090-6 (1996).
	FA	Lindahl, T. and D.E. Barnes., Mammalian DNA Ligases, <u>Annu. Rev. Biochem.</u> 61:251-81 (1992).
	FB	Little et al., Detection of <i>RET</i> proto-oncogene codon 634 mutations using mass spectrometry, <u>J. Mol. Med.</u> 75:745-50 (1997).
V Lae	FC	Little <i>et al.</i> , Identification of apolipoprotein E polymorphisms using temperature cycled primer oligo base extension and mass spectrometry, <u>Eur J clin Chem Clin Biochem</u> 35(7):545-8 (1997)

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Lac	FD	Little <i>et al.</i> , MALDI on a chip: analysis of arrays of low-femtomole to subfemtomole quantities of synthetic oligonucleotides and DNA diagnostic products dispensed by a piezoelectric pipet, <i>Anal. Chem.</i> 69:4540-4546 (1997)
	FE	Little <i>et al.</i> , Mass Spectrometry from miniaturized arrays for full comparative DNA analysis, <i>Nature Medicine</i> 3(12):1413-6 (1997).
	FF	Lizardi <i>et al.</i> , Exponential Amplification of Recombinant-RNA Hybridization Probes, <i>Bio/Technology</i> 6:1197-1202 (1988).
	FG	Miki, K. and E.M. Eddy, Single Amino Acids Determine Specificity of Binding Protein Kinase A Regulatory Subunits by Protein Kinase A Anchoring Proteins, <i>J. Biol. Chem.</i> 274(41):29057-62 (1999).
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	FJ	Moskovitz <i>et al.</i> , Overexpression of peptide-methionine sulfoxide reductase in <i>Saccharomyces cerevisiae</i> and human T cells provides them with high resistance to oxidative stress, <i>Proc. Natl. Acad. Sci. USA</i> 95:14071-5 (1998).
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	FM	Podhajski, A.J. and W. Szybalski, Conversion of the <i>FokI</i> endonuclease to a universal restriction enzyme: cleavage of phage M13mp7 DNA at predetermined sites, <i>Gene</i> 40:175-82 (1985).
	FN	Reymer <i>et al.</i> , A lipoprotein lipase mutation (Asn291Ser) is associated with reduced HDL cholesterol levels in premature atherosclerosis, <i>Nature Genetics</i> 10:28-34 (1995).
	FO	Ruppert <i>et al.</i> , A Filtration Method for Plasmid Isolation Using Microtiter Filter Plates, <i>Anal. Biochem.</i> 230:130-4 (1995).
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24736-2033	SERIAL NO. 09/687,483
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT <i>Braun et al.</i>	
	FILING DATE October 13, 2000	GROUP 1645 1631

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Ue	FQ	Saparbaev et al., <i>Escherichia coli</i> , <i>Saccharomyces cerevisiae</i> , rat and human 3-methyladenine DNA glycosylases repair 1, N ⁶ -ethenoadenine when present in DNA, <i>Nucl. Acids Res.</i> 23(18):3750-55 (1995).
	FR	Schachter et al., Genetic associations with human longevity at the APOE and ACE loci, <i>Nature Genetics</i> 6:29-32 (1994).
	FS	Scott et al., Type II Regulatory Subunit Dimerization Determines the Subcellular Localization of the cAMP-dependent Protein Kinase, <i>J. Biol. Chem.</i> 265(35):21561-66 (1990).
	FT	Scott, J., Cyclic Nucleotide-Dependent Protein Kinases, <i>Pharmac. Ther</i> 50:123-45 (1991).
	FU	Senko et al., Automated Assignment of Charge States from Resolved Isotopic Peaks for Multiply Charged Ions, <i>J. Am. Soc. Mass Spectrom</i> 6:52-56 (1995).
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	FX	Sequenom Completes Design of More Than 400,000 SNP Assays; Mass EXTEND™ Assay Portfolio Covers Majority of SNPs in the Public Domain, Press Release; Oct. 10, 2000, http://www.sequenom.com/ir/ir_prs.asp
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	GA	Sequenom Announces Publication of Results From Large-Scale SNP Study With the National Cancer Institute, Press Release: Jan. 16, 2001, http://www.sequenom.com/ir/ir_prs.asp
	GB	Sequenom: Technologies and Tools, located at http://www.sequenom-san.com/tech/tools.html , dated 08/29/99
W	GC	Siegert et al., Matrix-Assisted Laser desorption/Ionization Time-of-Flight Mass Spectrometry for the detection of Polymerase Chain Reaction Containing 7-Deazapurine Moieties, <i>Anal. Biochem.</i> 243:55-65 (1996).
Ue	GD	Smith, L.M., Sequence from spectrometry: A realistic prospect, <i>Nature Biotechnology</i> 14:1084-5 (1996).

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FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24736-2033	SERIAL NO. 09/687,483
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT Braun <i>et al.</i>	
	FILING DATE October 13, 2000	GROUP 4645-1631

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	GF	Szybalski <i>et al.</i> , Class-IIIS restriction enzymes - a review, <u>Gene</u> 100:13-26 (1991).
	GG	Takio <i>et al.</i> , Primary structure of the regulatory subunit of type II cAMP dependent protein kinase from bovine cardiac muscle, <u>Proc. Natl. Acad. Sci. USA</u> 79:2544-8 (1982).
	GH	Tammen <i>et al.</i> , Proteolytic cleavage of glucagon-like peptide-1 by pancreatic β cells and by fetal calf serum analyzed by mass spectrometry, <u>J. Chromatogr. A</u> 852:285-295 (1999).
	GI	Tang <i>et al.</i> , Matrix-assisted laser desorption/ionization mass spectrometry of immobilized duplex DNA probes, <u>Nucl. Acids Res.</u> 23(16):3126-31 (1995).
	GJ	Tang <i>et al.</i> , Chip-based genotyping by mass spectrometry, <u>Proc. Natl. Acad. Sci. USA</u> 96:10016-20 (1999).
	GK	Thompson, Fitting robots with white coats, <u>Laboratory Automation and Information Management</u> 31:173-193 (1996).
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	GM	Uracil-DNA Glycosylase (UDG), product description. New England Biolabs. http://circuit.neb.com/neb/products/mod_enzymes/280.html (12/21/00).
	GN	van den Boom <i>et al.</i> , Forward and Reverse DNA Sequencing in a Single Reaction, <u>Anal. Biochem.</u> 256:127-9 (1998).
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	GP	Vaughan <i>et al.</i> , Glycosylase mediated polymorphism detection (GMPD) -- a novel process for genetic analysis, <u>Genetic Analysis: Biomolecular Engineering</u> 14:169-75 (1999).
	GQ	Waga <i>et al.</i> , Reconstitution of Complete SV40 DNA Replication with Purified Replication Factors, <u>J. Biol. Chem.</u> 269(14):10923-34 (1994).
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Lae	GS	Weiler <i>et al.</i> , Hybridisation based DNA screening on peptide nucleic acid (PNA) oligomer arrays, <u>Nucleic Acids Res.</u> 25:2792-2799 (1997).

EXAMINER <i>Lae A. Clav</i>	DATE CONSIDERED <i>1/17/04</i>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT Braun <i>et al.</i>	
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Lte	GT	Wilson <i>et al.</i> , Restriction and Modification Systems, <u>Annu. Rev. Genet.</u> 25:585-627 (1991).
Lte	GU	Yen <i>et al.</i> , Synthesis of water-soluble copolymers containing photocleavable bonds, <u>Makromol. Chem.</u> 190:69-82 (1989).

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L. A. Clow

DATE CONSIDERED

1/17/04

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
LAC	A	5	8	3	7	8	3	2	11/17/98	Chee <i>et al.</i>	536	22.1	05/16/95
LAC	B	5	9	2	8	8	7	0	07/27/99	Lapidus <i>et al.</i>	435	6	06/16/97

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No	
LAC	C	0	0	3	1	3	0	0	06/02/00	PCT				
LAC	D	9	4	1	5	2	1	9	07/07/94	PCT				
LAC	E	9	5	2	5	2	8	1	09/21/95	PCT				

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	F	Genbank Accession Number AF037439											
	G	Genbank Accession Number NM007202											
	H	Genbank Accession Number AF021833											
	I	Genbank Accession Number AC005730											
	J	Genbank Accession Number AW195104											
	K	Genbank Accession Number AW874187											
	L	Genbank Accession Number AF096289											
	M	Genbank Accession Number X86173											
	N	Genbank Accession Number AJ242973											
LAC	O	Huang <i>et al.</i> , "Identification of a Novel Protein Kinase A Anchoring Protein That Binds Both Type I and Type II regulatory Subunits", <i>Journal of Biological Chemistry</i> , 272(12):8057-8064 (1997)											
LAC	P	Laken <i>et al.</i> , "Genotyping by mass spectrometric analysis fo short DNA fragments", <i>Nature Biotechnology</i> , 16:1352-1356 (1998)											

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DATE CONSIDERED

1-17-04

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Title: METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING POLYMORPHIC GENETIC MARKERS



Sheet 2 of 2

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
24736-2033SERIAL NO.
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

LAC	Q	Shriver <i>et al.</i> , "Ethnic-Affiliation Estimation by Use of Population-Specific DNA Markers", <i>Am. J. Hum. Genet.</i> , 60:957-964 (1997)
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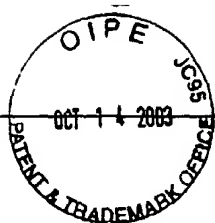
EXAMINER *Luc A. Clow*

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1/17/04

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FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION
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* If an asterisk is placed beside the reference number, a copy is NOT provided because the reference was previously cited by or submitted to the PTO in a prior application that is identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120, 37 C.F.R. § 1.98(d).

+ Derwent English language abstract and/or English translation provided.

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*Ref. Code	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
LAC	A	0	1	5	5	5	8	7	10/24/02	Opalsky <i>et al.</i>	435	287.2	04/20/01
	B	5	7	8	6	1	4	6	07/28/98	Herman <i>et al.</i>	436	6	06/03/96
	C	6	0	1	7	7	0	4	01/25/00	Herman <i>et al.</i>	435	6	04/11/97
	D	6	2	0	0	7	5	6	03/13/01	Herman <i>et al.</i>	435	6	07/28/98
	E	6	2	6	5	1	7	1	07/24/01	Herman <i>et al.</i>	435	6	01/25/01
	F	6	5	6	6	0	5	5	05/20/03	Monforte <i>et al.</i>	435	6	06/03/98
✓	G	6	5	8	9	4	8	5	07/08/03	Köster	422	104	06/11/01
LAC	H	6	6	0	2	6	6	2	08/05/03	Köster <i>et al.</i>	435	6	11/28/00

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	*Ref. Code	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No	
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LAC	1	Herman <i>et al.</i> , "Methylation-specific PCR: A Novel PCR Assay for Methylation Status of CpG Islands," <i>Proc. Natl. Acad. Sci.</i> 93:9821-26 (1996).
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Lori A. Clow

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